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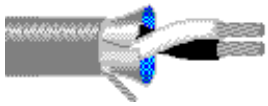
Jameco Part Number 234065 (8720-060-U500)

Detailed Specifications & Technical Data

8720 Paired - Audio, Control and Instrumentation Cable



For more information please call
1-800-Belden1

See Put-ups and Colors

Description:

14 AWG stranded (19x27) tinned copper conductors, twisted pair, Polyethylene insulation, overall 100% Beldfoil® shield, 16 AWG stranded tinned copper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	14
Stranding	19x27
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.032 in.

PAIR:

Pair Lay Length	2.0 in.
Pair Twists/ft.	6

Pair Color Code Chart :

Number	Color
1	Black & Clear

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	16
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.035 in.

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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.355 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
Temperature Rating	80°C (UL AWM Style 20253)
Bulk Cable Weight	61.5 lbs/1000 ft.
Max. Recommended Pulling Tension	160 lbs.
Min. Bend Radius (Install)	3.4 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CL2, CM
CEC/C(UL) Specification	CM
AWM Specification	20253 (600V 80°C)
CSA Specification	II A

FLAME TEST:

UL Flame Test	UL 1581 Vertical Tray

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	58 Ohms
Nom. Inductance	.2 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	24 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	47 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	2.9 Ohms/1000 ft
Max. Operating Voltage - UL	600 V RMS (UL AWM Style 20253); 300 V RMS (CSA)
Other Maximum Continuous Currents	9.5 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8720 0601000	2 #14 PE FS PVC	1000	71	CHROME	C
8720 0602000	2 #14 PE FS PVC	2000	138	CHROME	C
8720 060500	2 #14 PE FS PVC	500	34	CHROME	
8720 060U500	2 #14 PE FS PVC	U500	34.5	CHROME	

C = CRATE REEL PUT-UP.

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